

## Rotatable Catheter Assembly

### ABSTRACT OF THE DISCLOSURE

5                   A catheter assembly comprises a catheter shaft, a balloon and a pair of  
collars. The collars may be fixed or rotatable about a catheter shaft prior to exposure to an  
electric current. Where the collars are fixed to the shaft, the balloon is rotatable about the  
collars. When exposed to the electric current the collars expand to engage the waists of the  
balloon thereby sealing the balloon. Where the collars are rotatable about the shaft, the  
10 each waist of the balloon is engaged to a respective collars. When the rotatable collars are  
exposed to the electric current the collars expand to engage the shaft of the catheter thereby  
sealing the balloon.